

| BRS | 3 | aggregating records | USPAT; US-PGPUB | ##### |
|------|------|---|-----------------|---------------|
| BRS | 21 | relational database and "query processor" and optimizer and record and memory and processing | USPAT; US-PGPUB | 7/18/02 10:01 |
| BRS | 21 | relational database and "query processor" and optimizer and record and memory and processing and table | USPAT; US-PGPUB | 7/8/02 12:03 |
| BRS | 6 | relational database and "query processor" and optimizer and record and memory and processing and table and partial | USPAT; US-PGPUB | 7/18/02 9:28 |
| BRS | 2 | relational database and "query processor" and optimizer and record and memory and processing and table and (partial same aggregation) | USPAT; US-PGPUB | 7/8/02 12:05 |
| BRS | 0 | partial aggregation records | USPAT; US-PGPUB | 7/8/02 12:32 |
| BRS | 2 | partial pre-aggregation | USPAT; US-PGPUB | 7/8/02 12:32 |
| BRS | 35 | partial aggregation | USPAT; US-PGPUB | 7/8/02 12:33 |
| BRS | 5 | ("5201046" "5379419" "5404510" "5412804" "5421008").PN. | USPAT | 7/8/02 12:37 |
| BRS | 1921 | (707/3).ccls. | USPAT; US-PGPUB | 7/17/02 14:35 |
| BRS | 0 | ((707/3).ccls.) and aggregat\$3 and record\$1 and colum and code and memory and hash and capacity | USPAT; US-PGPUB | 7/17/02 14:38 |
| BRS | 0 | ((707/3).ccls.) and aggregat\$3 and record\$1 and colum and code and memory and hash | USPAT; US-PGPUB | 7/17/02 14:38 |
| BRS | 0 | ((707/3).ccls.) and aggregat\$3 and record\$1 and colum and code | USPAT; US-PGPUB | 7/17/02 14:38 |
| BRS | 225 | ((707/3).ccls.) and aggregat\$3 and record\$1 | USPAT; US-PGPUB | 7/17/02 14:39 |
| BRS | 193 | ((707/3).ccls.) and aggregat\$3 and record\$1) and record | USPAT; US-PGPUB | 7/17/02 14:39 |
| BRS | 168 | ((707/3).ccls.) and aggregat\$3 and record\$1) and record) and memory | USPAT; US-PGPUB | 7/17/02 14:40 |
| BRS | 39 | ((707/3).ccls.) and aggregat\$3 and record\$1) and record) and memory) and capacity | USPAT; US-PGPUB | 7/17/02 14:39 |
| BRS | 41 | ((707/3).ccls.) and aggregat\$3 and record\$1) and record) and memory) and hash | USPAT; US-PGPUB | 7/17/02 14:39 |
| BRS | 13 | ((707/3).ccls.) and aggregat\$3 and record\$1) and record) and memory) and capacity) and ((707/3).ccls.) and aggregat\$3 and record\$1) and record) and | USPAT; US-PGPUB | 7/17/02 14:40 |
| BRS | 66 | ((707/3).ccls.) and aggregat\$3 and record\$1) and record) and memory and join | USPAT; US-PGPUB | 7/17/02 14:41 |
| BRS | 22 | ((707/3).ccls.) and aggregat\$3 and record\$1) and record) and memory and join) and hash | USPAT; US-PGPUB | 7/17/02 14:41 |
| IS&R | 1 | ("5781896").PN. | USPAT; US-PGPUB | 7/18/02 9:39 |
| BRS | 1054 | aggregation and join | USPAT; US-PGPUB | 7/18/02 9:40 |
| BRS | 209 | aggregation and join and column and query | USPAT; US-PGPUB | 7/18/02 9:40 |
| BRS | 83 | aggregation and join and column and query and record and subsequent | USPAT; US-PGPUB | 7/18/02 9:41 |
| BRS | 38 | aggregation and join and (group same column) and query and record and subsequent | USPAT; US-PGPUB | 7/18/02 9:54 |
| BRS | 24 | 707/3 and (aggregation and join and (group same column) and query and record and subsequent) | USPAT; US-PGPUB | 7/18/02 9:41 |
| BRS | 19 | aggregation and join and (group same column) and query and record and subsequent and hash | USPAT; US-PGPUB | 7/18/02 10:01 |
| IS&R | 1 | ("6115705").PN. | USPAT; US-PGPUB | 7/18/02 10:01 |

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| BRS | 20 | relational database and "query processor" and optimizer and record and memory and processing and join | USPAT; US-PGPUB | 7/18/02 10:02 |
| BRS | 4 | relational database and "query processor" and optimizer and record and memory and processing and join and aggregation and hash | USPAT; US-PGPUB | 7/19/02 7:21 |
| BRS | 13 | relational database and "query processor" and optimizer and record and memory and processing and join and aggregation | USPAT; US-PGPUB | 7/18/02 10:06 |
| BRS | 822 | second with aggregation | USPAT; US-PGPUB | 7/18/02 10:06 |
| BRS | 630 | (second with aggregation) and group\$3 | USPAT; US-PGPUB | 7/18/02 10:07 |
| BRS | 279 | ((second with aggregation) and group\$3) and column | USPAT; US-PGPUB | 7/18/02 10:07 |
| BRS | 54 | (((second with aggregation) and group\$3) and column) and record | USPAT; US-PGPUB | 7/18/02 10:07 |
| BRS | 1 | ((((second with aggregation) and group\$3) and column) and record) and join and hash | USPAT; US-PGPUB | 7/18/02 10:07 |
| BRS | 9 | ((((second with aggregation) and group\$3) and column) and record) and join | USPAT; US-PGPUB | 7/18/02 11:43 |